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1702 Rec'd PCT/PTO 18 AUG 2003

10/019543  
PATENT  
Docket No. 12218/3

#15, #16

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Satoru YOKOMIZO et al.  
Serial No. : 10/019,543  
Filed : 03 January 2002  
For : TRANSFORMANT AND PROCESS FOR PRODUCING  
POLYESTER BY USING THE SAME  
Art Unit : unassigned  
Examiner : Winston Alvarado

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Defective Response mailed July 29, 2003, submitted herewith are the following items:

1. Copy of Notification of Defective Response mailed 07/29/2003
2. Statement Under 37C.F.R. §1.821(f)
3. Paper copy and computer readable form (diskette) of the corrected Sequence Listing

Entry of the corrected Sequence Listing into the specification of the above-identified application is respectfully requested.

**PATENT**

Docket No. 12218/3

It is believed that no fees are required in connection with the filing of this response. Nonetheless, authorization is hereby given to charge any fee necessary to Deposit Account No. 11-0600.

Respectfully submitted,



W. David Wallace

Reg. No. 42,210

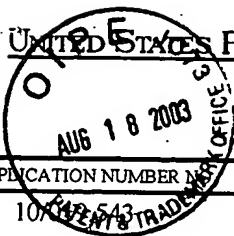
Date: August 18, 2003

KENYON & KENYON  
1500 K Street, N.W., Suite 700  
Washington, D.C. 20005-1257  
(202) 220-4200 (T)  
(202) 220-4201 (F)

DC01 465954 v 1



UNITED STATES PATENT AND TRADEMARK OFFICE



36369 USW  
 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/047,543	Satoru Yokomizo	12218/3

John C Altmilleri  
 Kenyon & Kenyon  
 1500 K Street N W  
 Suite 700  
 Washington, DC 20005

INTERNATIONAL APPLICATION NO.	
PCT/JP01/04158	
LA. FILING DATE	PRIORITY DATE
05/18/2001	05/19/2000

CONFIRMATION NO. 1045  
 371 FORMALITIES LETTER



\*OC000000010569915\*

Date Mailed: 07/29/2003

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

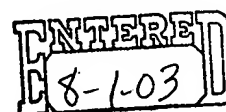
- Priority Document
- Copy of the International Application filed on 01/03/2002
- Copy of the International Search Report filed on 01/03/2002
- Preliminary Amendments filed on 01/03/2002
- Information Disclosure Statements filed on 03/26/2002
- Biochemical Sequence Diskette filed on 04/09/2002
- Oath or Declaration filed on 04/09/2002
- Biochemical Sequence Listing filed on 04/09/2002
- Request for Immediate Examination filed on 01/03/2002
- Copy of references cited in ISR filed on 01/03/2002
- U.S. Basic National Fees filed on 01/03/2002
- Assignee Statement filed on 04/09/2002
- Power of Attorney filed on 04/09/2002

Applicant's response filed 04/09/2002 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 03/22/2002 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:



- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of Annex C of the Administrative Instructions and 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
  - **APPLICANT MUST PROVIDE:**
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

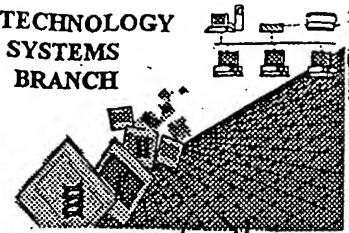
Telephone: (703) 305-6421

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/019,543	PCT/JP01/04158	12218/3



BIOTECHNOLOGY  
SYSTEMS  
BRANCH



W/H  
1600

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/019,543A  
Source: Pg 1/10  
Date Processed by STIC: 7/16/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003

Please mail this report with the  
notice

William Alvarado  
National Stage Processing  
Patent Specialist  
(703) 305-6421



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/019,543A

DATE: 07/16/2003

TIME: 17:27:49

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\07162003\J019543A.raw

1 <110> APPLICANT: KANEKA CORPORATION  
 3 <120> TITLE OF INVENTION: TRANSFORMANT AND PROCESS FOR PRODUCING POLYESTER BY USING  
 THE SAME  
 6 <130> FILE REFERENCE: 12218/3  
 8 <140> CURRENT APPLICATION NUMBER: 10/019,543A  
 9 <141> CURRENT FILING DATE: 2002-01-03  
 11 <150> PRIOR APPLICATION NUMBER: PCT/JP01/04158  
 12 <151> PRIOR FILING DATE: 2001-05-18  
 14 <150> PRIOR APPLICATION NUMBER: JP 148726/2000  
 15 <151> PRIOR FILING DATE: 2000-05-19  
 17 <150> PRIOR APPLICATION NUMBER: JP 396955/2000  
 18 <151> PRIOR FILING DATE: 2000-12-27  
 20 <150> PRIOR APPLICATION NUMBER: JP 16929/2001  
 21 <151> PRIOR FILING DATE: 2001-01-25  
 23 <160> NUMBER OF SEQ ID NOS: 21

## ERRORED SEQUENCES

Does No. Comply  
 Corrected Diskette Needed

326 <210> SEQ ID NO: 18  
 327 <211> LENGTH: 45 *46 shown below*  
 328 <212> TYPE: DNA  
 329 <213> ORGANISM: Artificial Sequence  
 331 <220> FEATURE:  
 332 <223> OTHER INFORMATION: primer  
 334 <400> SEQUENCE: 18  
 E--> 335 tttttgatat cgagctcgtc gacatgcac tttggagatt gatctt

46

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/019,543A

DATE: 07/16/2003

TIME: 17:27:50

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\07162003\J019543A.raw

L:335 M:252 E: No. of Seq. differs, <211> LENGTH:Input:45 Found:46 SEQ:18